

The amateur radio service stands to be hampered by current BPL technology.

The amateur radio service is being relied on more and more by Homeland Security efforts as first responders to security threats.

BPL could have severe impacts to the amateur service and other FCC services acting in Homeland Security roles due to high levels of interference resulting from BPL deployment. The amateur radio and other HF spectrum resources must be protected.

FCC Part 15 requirements must be strengthened to minimize BPL interference to all affected FCC services if BPL is deployed.

Widespread deployment of BPL is ill advised under current conditions due to its wideband interference capabilities.

The utility industry has no track record of developing, installation, or maintenance of this type technology. Indeed, the utility industry has many problems of its own with regards to incidental radiators causing interference to FCC services. Adding BPL over the power lines will greatly increase wideband interference problems that the utility industry is ill equipped to handle.

The FCC has a responsibility to protect its existing services especially those services that provide emergency communications capabilities. BPL studies outside the US including Europe and Japan have shown that BPL poses significant threats to HF spectrum users. The FCC must protect HF spectrum users with stringent regulation of BPL radiation if BPL is deployed on a widespread basis.